

# GROUND MOUNTED FACILITIES

## ***Towers (Obelisk, monument, signage, etc...)***

1. Design towers to architecturally blend with the building/structure/setting in which it is proposed.



Above left: This project has been designed to appear as an identification/clock tower. The facility is located inside a commercial shopping plaza and while the antennae are exterior mounted, the center has done a excellent job with blending the design into the environment to the extent possible.

Above right: Wireless communication facility designed as an identification tower which fully conceals the panel antennas behind the signage. These are examples of successful designs that can be integrated within the City of San Diego.

Introduction  
1- Design Guideline Objectives

Building Collocations  
2-Complete Concealment  
3-FRP Installation  
5-Facade Mounted Antennas

Ground Mounted Facilities  
8-Flag Poles  
10-Faux Trees  
12-Ball Field Lights  
13-Light poles

Ground Mounted Facilities  
14-Public Right of Way  
16-Pipe Mounts  
**17-Towers**

Associated Equipment  
19-Cable Tray  
20-Enclosures & Equipments  
22-Generators

23-Landscape

25-Coastal Height Proposition D

# GROUND MOUNTED FACILITIES

## ***Towers (Obelisk, monument, signage, etc...)***

2. The design shall Utilize the lowest height possible.

3. Significant advancements in technology has allow carriers to camouflage tower facilities within an integrated design. These are examples of creative structures that has been approved by the City of San Diego.



As the picture illustrates the antennas for this project is fully concealed inside the existing signage demonstrating a fully camouflaged facility.



Left: The antennas for this project is also fully concealed inside the obelisk. Please also note that this site has been design with minimal height to better integrate with the existing church.

Introduction  
1- Design Guideline Objectives

Building Collocations  
2-Complete Concealment  
3-FRP Installation  
5-Facade Mounted Antennas

Ground Mounted Facilities  
8-Flag Poles  
10-Faux Trees  
12-Ball Field Lights  
13-Light poles

Ground Mounted Facilities  
14-Public Right of Way  
16-Pipe Mounts  
**17-Towers**

Associated Equipment  
19-Cable Tray  
20-Enclosures & Equipments  
22-Generators

23-Landscape

25-Coastal Height Proposition D



# ASSOCIATED EQUIPMENT

## Cable Tray

1. Cable should be routed internally. If it can be demonstrated that the building construction does not allow internal routing, then cable tray must be minimum size necessary to accommodate cable.
2. Cable tray should be located inconspicuously. Place in a corner of the building where it won't have a visual impact or make the cable tray a decorative element on the building.
3. When more than one cable tray is exposed on a building exterior, place and space consistently and appropriately.
4. All coaxial cable must be placed underground. No above ground cable or bridges.
5. All coax must be routed directly from the ground up through the pole.
6. All exterior mounted cable tray shall be painted and textured to match the existing building.



Picture above: The coaxial cable is concealed inside the wing wall and routed to the roof and inside the chimneys. This site is located at 7880 Golfcrest Drive.



The coaxial cable is fully concealed inside a new wall extension designed to match the existing paint and texture of the existing building. This site is located at 1570 Alta La Jolla Drive.

Introduction  
1- Design Guideline Objectives

Building Collocations  
2-Complete Concealment  
3-FRP Installation  
5-Facade Mounted Antennas

Ground Mounted Facilities  
8-Flag Poles  
10-Faux Trees  
12-Ball Field Lights  
13-Light poles

Ground Mounted Facilities  
14-Public Right of Way  
16-Pipe Mounts  
17-Towers

Associated Equipment  
**19-Cable Tray**  
20-Enclosures & Equipments  
22-Generators

23-Landscape

25-Coastal Height Proposition D

# ASSOCIATED EQUIPMENT

## Enclosures & Equipments

- 1. Architectural integration required.
- 2. Utilize similar building materials, color, accents and texture as primary building. If no buildings exist on site, ensure that building is designed to blend in to environment.



Pictures above: The equipment is concealed inside the architectural design enclosure with the AC units installed behind the parapet extension as shown in the highlighted picture to the right. This site is located at 1502 Via Las Cumbres

- 3. Minimize exterior appurtenances. Use screen wall and/or combination of landscape for screening purposes.
- 4. Utilize open top with lattice accent in order to eliminate need for a/c units.



The equipment is located behind a combination of a screen wall and appropriate landscaping. The open top eliminates the need for any air conditioning units for this site. This WCF is located at 3202 Governor Drive

Introduction  
1- Design Guideline Objectives

Building Collocations  
2-Complete Concealment  
3-FRP Installation  
5-Facade Mounted Antennas

Ground Mounted Facilities  
8-Flag Poles  
10-Faux Trees  
12-Ball Field Lights  
13-Light poles

Ground Mounted Facilities  
14-Public Right of Way  
16-Pipe Mounts  
17-Towers

Associated Equipment  
19-Cable Tray  
20-Enclosures & Equipments  
22-Generators

23-Landscape

25-Coastal Height Proposition D